

Changes in Ozone Exceedances and Design Values from 2011 to 2012

James Regehr to: Michael Jay, Lachala Kemp

09/06/2012 10:31
AM

From: James Regehr/R7/USEPA/US

To: Michael Jay/R7/USEPA/US, Lachala Kemp/R7/USEPA/US

Hi Mike and Lachala

I went ahead and ran the 2011 and 2012 ozone numbers we talked about yesterday in the event they are of interest to you.

In the attached spreadsheet are the number of exceedances for 2011 and 2012, the percent change in the number of exceedances from 2011 to 2012, the 2009-2011 and 2010-2012 design values and the percent change in the design values from 2011 to 2012. I also included the average percent change in the number of exceedances for 2011 and 2012 and the average percent change in design values from 2011 to 2012 (they are in the last row of the spreadsheet).

The overall percent change in the number of exceedances for the region will be somewhat skewed, because you cannot calculate a percent change from one year to the next if the first year has zero for the number of exceedances. The overall percent change is representative for sites that traditionally have exceedances during the ozone season.

If you have any questions, let me know.



R7 ozone change 2011 to 2012.pdf

Thanks,
James

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Michael Jay---09/05/2012 05:09:26 PM---Lachala and James, the reporter ended up, (as usual) having an immediate deadline, so I ended up doi

From: Michael Jay/R7/USEPA/US
To: Kemp.Lachala@epamail.epa.gov
Cc: James Regehr/R7/USEPA/US@EPA, Joshua Tapp/R7/USEPA/US@EPA, Amy Bhesania/R7/USEPA/US@EPA
Date: 09/05/2012 05:09 PM
Subject: Re: Weekly Ozone Update through August 26, 2012

Lachala and James, the reporter ended up, (as usual) having an immediate deadline, so I ended up doing an interview over the phone late this afternoon. At this point, disregard any more effort. It's possible there could be some follow-up from the Dispatch story, so we may end up needing the info at some point.

Mike

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Lachala Kemp---09/05/2012 01:25:54 PM---This is actually the latest update sent out by James on yesterday. It appears the weekly update fro

From: Lachala Kemp/R7/USEPA/US
To: Michael Jay/R7/USEPA/US@EPA,
Cc: James Regehr/R7/USEPA/US@EPA
Date: 09/05/2012 01:25 PM
Subject: Re: Weekly Ozone Update through August 26, 2012

This is actually the latest update sent out by James on yesterday. It appears the weekly update from 8/28 contained a data error for Bremer county, IA.

AQS I.D.	Site Name	City	County	1st Max.	2nd Max	3rd Max	4th Max	2012 Critical Value	Current 10-12 DV	2009-2011 DV
IOWA 19-017-0011	Waverly	Waverly	Bremer	0.068	0.067	0.067	0.065	0.099	0.06467	0.06300

Thanks,

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To recognize opportunity is the difference between success and failure.

Michael Jay---09/05/2012 01:22:19 PM---James, Is this first line correct for Waverly Iowa for 2009-2011 DV? Looks out of place. We are p

From: Michael Jay/R7/USEPA/US
To: James Regehr/R7/USEPA/US@EPA
Cc: Kemp.Lachala@epamail.epa.gov
Date: 09/05/2012 01:22 PM
Subject: Re: Weekly Ozone Update through August 26, 2012

James,

Is this first line correct for Waverly Iowa for 2009-2011 DV? Looks out of place. We are preparing for an interview regarding ozone in our four states so we were looking at your latest data set you sent us. thanks for help!

City	County	1st Max.	2nd Max	3rd Max	4th Max	2012 Critical Value	Current 10-12 DV	2009-2011 DV
Waverly	Bremer	0.068	0.067	0.067	0.065	0.099	0.06467	0.13478

Mike

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James Regehr---08/27/2012 09:07:01 AM---Greetings, Please find attached the 2012 weekly ozone update through August 26, 2012. All of the da

From: James Regehr/R7/USEPA/US
To: Rebecca Weber/R7/USEPA/US@EPA, Joshua Tapp/R7/USEPA/US@EPA, Michael Jay/R7/USEPA/US@EPA, davis.michael@epa.gov, Robert Patrick/R7/USEPA/US@EPA, Lachala Kemp/R7/USEPA/US@EPA, Robert Nichols/R7/USEPA/US@EPA, Ron Hammerschmidt/R7/USEPA/US@EPA, Alex Chen/R7/USEPA/US@EPA, Leland Grooms/R7/USEPA/US@EPA, Bui.Thien@epa.gov, Lorenzo Sena/R7/USEPA/US@EPA, Amy Algoe-Eakin/R7/USEPA/US@EPA, Amy Bhesania/R7/USEPA/US@EPA, Elizabeth Kramer/R7/USEPA/US@EPA, regehr.james@epa.gov,

Date: 08/27/2012 09:07 AM
Subject: Weekly Ozone Update through August 26, 2012

Greetings,

Please find attached the 2012 weekly ozone update through August 26, 2012. All of the data in the spreadsheet is preliminary and has not been quality assured and thus is not for distribution outside the agency. The data in the spreadsheet is a combination of data from the national AQS database, daily updated state websites, and data sent directly to me by state and local reporting agencies. In the event that a state does not have a data reporting website, updates to the ozone data will be on a monthly basis. This primarily pertains to NE.

[attachment "2012 Current 8hr ozone values.xls" deleted by Lachala Kemp/R7/USEPA/US]

Eleven exceedances were recorded over the last week. No new violations of the standard occurred as a result of these exceedances. The following table shows exceedances, the dates they occurred, and if the exceedances resulted in a new potential violation of the standard.

Exceedances August 20 - August 26, 2012

Site I. D	Site Name	City	County	Conc.	Date	Conc.
Date	Conc.	Date	Conc.	Date	New Violation	
MISSOURI						
29-099-0019	Arnold West	Arnold	Jefferson			0.079
08/23						
29-183-1002	West Alton	Not in a City	St. Charles			0.095
08/23	0.080	08/24				
29-183-1004	Orchard Farm	Not in a City	St. Charles			0.078
08/23						
29-113-0003	Foley	Foley	Lincoln			0.081
08/22	0.084	08/23				

29-189-0005	Pacific	Pacific	St. Louis	0.085
08/22	0.090	08/23		
29-189-0014	Maryland Heights	Maryland Heights	St. Louis	0.084
08/22				
29-510-0085	Blair St.	St. Louis	St. Louis City	0.076
08/23	0.077	08/24		

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